

# RELIABILITY SOLUTIONS



Improving your grid's reliability can only be accomplished after risks and potential problems are identified and addressed. Davey Resource Group provides this intelligence through its Reliability Solution Strategy, featuring Exacter predictive asset health analytics, infrared (IR) camera patrols and visual inspections.

DRG's multi-technology platform provides unprecedented visibility into points of risk to enhance asset management strategies, planning and maintenance. This predictive strategy includes risk profiles, analyses and projections that quantify reduction targets for improved CMI, SAIDI and SAIFI.

By integrating technologies and best practices into a unified predictive approach, utilities have new options for attacking both the visible and invisible problems on their systems.

## DATA ANALYSIS

DRG will review outage data from the last one to three years, then create a comprehensive analysis of worst performing circuits within the system that should be assessed. By narrowing down the number of circuits or line miles that require attention, more accurate projections can be made—ensuring the greatest impact on reliability.

Further, DRG will evaluate the utility's existing annual maintenance inspections and processes to identify opportunities for improvement.

# THE UTILITY INDUSTRY'S MOST COMPREHENSIVE ASSET INTELLIGENCE



## COMPREHENSIVE STRATEGY, ASSESSMENTS AND RECOMMENDATIONS

Offering turnkey solutions and estimated return on investment, DRG will provide a customized recommendation to strategically target portions of the system. Using Exacter patented radio frequency technology, infrared and visual methods, DRG pinpoints specific locations and circuits with problematic conditions that are high risk to the system's reliability and warrant repair.

After field inspections are complete and risks are identified, DRG produces the most comprehensive predictive failure information and analytics, including action strategies, estimated ROI and insights into future system performance. DRG identifies areas that require immediate attention and uses customized priority codes that determine level of risk to the system and the utility's customers. Supplemental documentation is provided through photos and videos to help locate each area with major issues.



## ON-DEMAND ACCESS OF CUSTOMIZED DATA

Utilities can rely on Davey's proprietary software to access data, gather insights and prioritize work by level of risk. They can track daily progress of inspections, down to the pole. In addition to having valuable insights on demand, maintenance crews can be deployed more efficiently.

Managers can also generate reports and export files in Excel, Access, GIS or GEO DataSet formats—enabling instant access of customizable information to best suit their needs in a manner that is compatible with existing software.



“From start to finish, DRG's Reliability Solution Strategy helps reduce the number of inevitable outages and positively impacts overall reliability.”

Contact me to learn more about DRG Reliability Solutions.